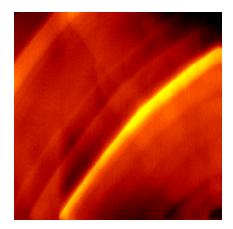


## Contact AFM images

(Jeong Young Park et al.)





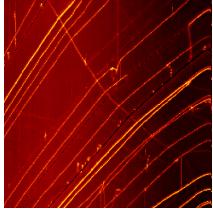
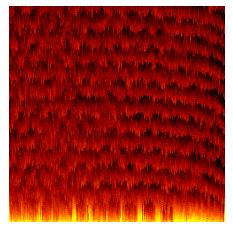
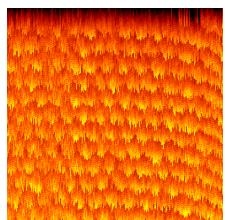




Figure 1. Contact mode topography, friction (scanning top to bottom), friction (scanning bottom to top)





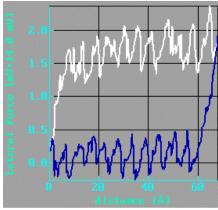
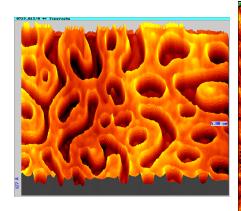


Figure 2. Contact mode friction image (6 nm x 6 nm, scanning top to bottom, and bottom to top) and its line profile which shows atomic stick-slip process



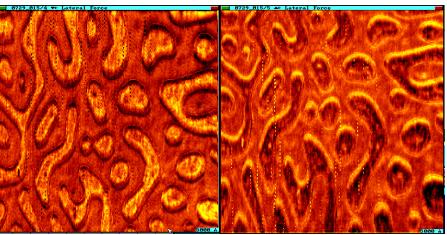


Figure 3. Contact mode topographical image of polymer (5  $\mu$ m x 5  $\mu$ m) friction images (scanning top to bottom, and bottom to top) which shows difference of friction contrast of two domains.